

Dr 3323-3347  
Hyd - 1529-2606

# Sigbee Reel \*2

## Correction Table 220 Cor.

Cor	Sum	Cor	Sum	Cor	Sum
0	50	31	1650	120	3250
0	100	33	1700	123	3300
0	150	35	1750	127	3350
1	200	37	1800	131	3400
1	250	39	1850	135	3450
1	300	41	1900	138	3500
2	350	43	1950	141	3550
2	400	45	2000	145	3600
3	450	47	2050	150	3650
3	500	50	2100	154	3700
4	550	53	2150	158	3750
5	600	55	2200	162	3800
5	650	57	2250	167	3850
6	700	60	2300	171	3900
7	750	63	2350	175	3950
8	800	66	2400	179	4000
9	850	68	2450	184	4050
10	900	71	2500	188	4100
11	950	74	2550	193	4150
12	1000	77	2600	197	4200
13	1050	80	2650	202	<del>4250</del>
14	1100	83	2700	206	<del>4300</del>
15	1150	86	2750	211	<del>4350</del>
16	1200	89	2800	216	<del>4400</del>
18	1250	92	2850	220	<del>4440</del>
19	1300	95	2900		
21	1350	99	2950		
22	1400	102	3000		
24	1450	106	3050		
25	1500	109	3100		
27	1550	113	3150		
20	1600	116	3200		
21					

Correction  
of

Tanner Reel

348 Turns on Reel

Turns Correction

42 to 72 + 1

73 to 94 + 2

95 to 137 + 3

138 to 195 + 4

196 to 348 + 5

$$\begin{array}{r} 4200 \\ 219 \\ \hline 3981 \end{array}$$

$$\begin{array}{r} 197 \\ 177 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 4200 \\ 475 \\ \hline 3725 \end{array}$$

$$\begin{array}{r} 4200 \\ 450 \\ \hline 3750 \end{array}$$

$$\begin{array}{r} 197 \\ 152 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 4200 \\ 418 \\ \hline 3782 \end{array}$$

$$\begin{array}{r} 4200 \\ 219 \\ \hline 3981 \end{array}$$

219

$$\begin{array}{r} 15 \\ 197 \\ 160 \\ \hline 37 \end{array}$$

$$\begin{array}{r} 197 \\ 158 \\ \hline 39 \end{array}$$

$$\begin{array}{r} 197 \\ 177 \\ \hline 20 \end{array}$$

Net & Dredge No

3323

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42.00  
575  

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3625

197  

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47  
X 50

197  

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178  
24

No. 2029 Key Date August 19, 1890  
 Tanner Machine. - Reel. -

Turns 42 Cor. + 1 Depth 43 fms

Shot or lead 28 lb

Bottom bk S

Bottom temperature 41.8

No. of Thermometer 63912 Cor. -

Corrected temperature 41.8

Air 43° Surface 45° Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

6.20.20 6.21.45

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

29 in

14 lb

Caliche

Caliche

Quar 6.33-

Put 8 handlines over side at 6.22

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507. 1813

No. 3323 *Dr* Date *Aug. 19. 1890*

*Tanner* Machine. Reel.

Turns 50 Cor. + 1 Depth 51 fms

Shot or lead 28 lbs

Bottom fine bk. S

Bottom temperature 42°

No. of Thermometer 63912 Cor. -

Corrected temperature 42°

Air 46° Surface 46° Drift. —

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*7* 02.20 03.50  
03.00 7.03.02

0

100

~~150~~  
~~200~~

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*7* 18.00 110.00  
24.00 7.42.00  
26.00 7.40.00

Put on 9 handlines at 7.00 -  
 in at 7.15 -  
 Catch. No.

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1 Doz Flounders, Basket Star  
1 King fish sole, + 1 Sheel.  
Small Scallop  
1 St. Sea Urchin  
2 kinds of Star fish



507.

No. 2530 *Ny<sup>d</sup>* Date *August 19<sup>th</sup> 1890.*  
*Tanner* Machine. — Reel.

Turns *41* Cor. + *1* Depth *42 fms.*

~~Shot or lead~~ *28 lbs.*

Bottom *tk. s. sh.*

Bottom temperature *42.0°*

No. of Thermometer *63912* Cor. —

Corrected temperature *42°*

Air *46°* Surface *46°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.05.00</i>	<i>8.07.00</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*10 hand lines over side at 8.10  
 in at 8.40*

*Caught:— 53 Cot fish.  
 5 Hadibut.  
 3 Sculpins.*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

*Cod* SERIAL TEMPERATURE *Measurements.*

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	6 lbs.	Minim <sup>m</sup>	25	<u>in</u>
50	23 lbs.	Maxim <sup>m</sup>	36	<u>in</u>
100	10½ lbs.	Average	29¼	<u>in</u>
200				
300	25	Males.	28	Females.
400				
500				
600	<i>Halibut Measurements.</i>			
700	6 lbs.	Minim <sup>m</sup>	26	<u>in</u>
800	32 lbs.	Maxim <sup>m</sup>	43	<u>in</u>
900	15½ lbs.	Average	34	<u>in</u>
1000				

REMARKS.

667

No. 2531 Hy<sup>a</sup> Date August 19<sup>th</sup>  
 Tanner Machine. — Reel.

Turns 15 Cor. + — Depth 15

Shot or lead 28 lbs

Bottom bk. S. & G.

Bottom temperature 44.<sup>5</sup>

No. of Thermometer 63912 Cor. — .1

Corrected temperature 44.<sup>4</sup>

Air 48° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
7.54.00		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
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2700  
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2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 532 Hyd Date Nov 1 2 1890

Tanner Machine. - Reel

Turns 59 Cor. + 1 Depth 60 fms

Shot or lead 28 lb

Bottom bk. S. + G

Bottom temperature 42°

No. of Thermometer 63912 Cor. -

Corrected temperature 42°

Air 47° Surface 48° Drift.

Trawl or dredge or tangles.

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.53.58	55.40	0		
54.40	7.54.58	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		1800		
		1900		
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		2100		
		2200		
		2300		
		2400		

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 1.59.40  
 8.58  
 11.59.58  
 1.00.40  
 8.59  
 12.00.58  
 1.01.40  
 9.00  
 12.01.58  
 1.02.40  
 9.01  
 12.02.58  
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 12.05.58  
 1.06.40  
 9.05  
 12.06.58  
 1.07.40  
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 1.14.40  
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 9.16  
 12.17.58  
 1.18.40  
 9.17  
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 1.19.40  
 9.18  
 12.19.58  
 1.20.40  
 9.19  
 12.20.58  
 1.21.40  
 9.20  
 12.21.58  
 1.22.40  
 9.21  
 12.22.58  
 1.23.40  
 9.22  
 12.23.58  
 1.24.40  
 9.23

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567.  
 No. 2533 *Wg* - Date *August 20<sup>th</sup> 1890*  
*Tanner* Machine. - Reel.  
 Turns *46* Cor. + *1* Depth *47 fms.*  
 Shot or lead *28 lbs.*  
 Bottom *G. & Sh.*  
 Bottom temperature *42*  
 No. of Thermometer *63912* Cor. - *.1*  
 Corrected temperature *42. -*  
 Air *48°* Surface *48°* Drift.  
 Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*10 hand line at 2.*  
*Cr*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	8 fbs.	Minim <sup>m</sup>	28	
50	22 fbs.	Maxim <sup>m</sup>	37	
100	5 fbs.	Average.	32	
200				
300	1	Males.		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.





2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	9 fbs.	Minim <sup>m</sup>	27	00
50	15 fbs.	Maxim <sup>m</sup>	33	iv
100	11 <sup>30</sup> fbs.	Average	30	iv
200				
300	4	Males.	6	Remai
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1535 Date August 25 1890

Machine. — Reels

Turns 50 Cor. + — Depth

Shot or lead

Bottom gy

Bottom temperature

No. of Thermometer 65912 Cor. — .1

Corrected temperature 42.9

Air 47.0 Surface 48.0 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Hand line on port  
 Dr at 11:05.  
 Caught 28  
 2 M. C. H. T.

25  
 26  
 45  
 45

9. 2

9. 70

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	6 fbs	Minim.	24	<u>24</u>
50	18 fbs	Maxim.	34	<u>34</u>
100	10 fbs	Average	29 1/2	<u>29 1/2</u>
200				
300	14	Males	14	Females
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

557

No. 2556 Hyg. Date August 20 1896

Sanner Machine. - Reel.

Turns 36 Cor. + 1 Depth 37 fms.

Shot or lead 28 lbs.

Bottom Y-k

Bottom temperature 42

No. of Thermometer 63912 Cor. - .1

Corrected temperature 42.1

Air 47 Surface 48 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10 fms and line  
10 fms 10.40  
10 fms 10.40  
10 fms 10.40

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

*Haw'v* SERIAL TEMPERATURE *3 Nov*

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	7	22	26	
50	7		27	
100	8	196	26 $\frac{1}{4}$	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. — Reel.

Turns. 34 Cor. + 1 Depth

Shot or lead 28

Bottom

Bottom temperature 42°

No. of Thermometer 63912 Cor. — .1

Corrected temperature 42.2

Air 47° Surface 48° Drift.

Trawl or dredge or tangles.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

11.12.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Try at 11.22.

3

1

Sw. 11.22.00

Catch.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 3 Hy 4 Date August 20<sup>th</sup> 1890.  
Tanner Machine. Reel.

Turns 42 Cor. + 1 Depth 43 fms.

~~Shot or lead~~ 28 lbs.

Bottom fk. S.

Bottom temperature 41.5

No. of Thermometer 63912 Cor. -

Corrected temperature 41.5

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

11.53.00 11.55.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

0 Hand  
in at 12.  
light  
2  
1  
valve  
cord lock 10 lbs 31 in

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

*Kalibut Mason*  
SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>max</i>	<i>8 lbs</i>	<i>27 mi</i>	
50	<i>min</i>	<i>"</i>	<i>25</i>	
100	<i>avg</i>	<i>"</i>	<i>25</i>	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1000* *W* Date *1/10/91* *41*

Tanner Machine. Reel.

Turns *106* Cor. + *3* Depth *10*

Shot or lead *28 lb*

Bottom *bk. S. G. & R*

Bottom temperature *No regular*

No. of Thermometer *63412* Cor. -

Corrected temperature

Air *41* Surface *41* Drift, *1/2*

Trawl or dredge or tangles *P*

## SOUNDING WIRE.

## DREDGE ROPE.

<i>N</i> DOWN.	UP.	TURNS.	<i>P.M.</i> DOWN.	UP.
		0		
		100		
		200		
		300		<i>27</i>
		400	<i>3</i>	<i>5</i>
		500	<i>3</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

Holothurians 4 kinds, Gammarus

2 kinds of S. ...  
2 " " ...

2 kinds of ...

8 B

No. 323 Date 11/1/1896

Machine. Reel.

Turns 276 Cor. 8 Depth 284 fms

Shot or lead 38 lb

Bottom gn M

Bottom temperature 38°

No. of Thermometer 63912 Cor. -

Corrected temperature 38°

Air Surface 9° Drift.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
P.M. 10.55	18.45	0	2.30.10	36.10
12.20	17.50	100		21.20
14.15	16.55	200		11.18
16.05	16.05	300		
		400	3.2.2	
		500	56	1.1.1
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

amphipods  
1 Beck ~~sea urchin~~  
1 Steersmit Crab  
1 Squid  
All in 100 fms  
reference to 100 fms

No. 3326 *LT* Date August 20<sup>th</sup> 1890.

Sigsbee Machine. #2 Reel.

Turns 528 Cor. + 48 Depth 576 fms.

Shot or lead 38 lbs.

Bottom M.

Bottom temperature 3

No. of Thermometer 63912. Cor. -

Corrected temperature 37.5 2 m

Air 50° Surface 47° Drift. S.E. x E. 1/2 E.

Trawl or dredge or tangles Long beam & mud bag.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4. 2. 1		0	4. 58. 00	6. 45. 00
		100	5. 03. 00	
		200	07. 10	
		300		
		400		
		500		
		600		
		700		
		800		
		900	30. 25	
		1000	35. 50	
		1100	40. 00	
		1200	43. 15	6. 00. 00
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	4440	220		
50	528	172		
100	3910	48		
200		528		
300		574		
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

Net as of 1000 fms. 1000 fms.  
 1000 fms. 1000 fms. 1000 fms.  
 1000 fms. 1000 fms. 1000 fms.



1702  
307.

No. *200* Date *August 25<sup>th</sup> 1881*  
Machine. *#2 Reel.*

Turns *295* Cor. *27* Depth *322 fms.*

Shot or lead *35 lbs.*

Bottom *fk. s.*

Bottom temperature *38.2*

No. of Thermometer *63912* Cor. *-*

Corrected temperature *38.2*

Air *48°* Surface *49°* Drift. *-*

Trawl or dredge or tangles *Small*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*7. 49.00*

*7. 58.00*

0

*7. 59.50*

100

*13.00*

200

*14.00*

300

*10.50*

400

*11.00*

500

*11.10*

600

*11.20*

650

*11.30*

700

*11.40*

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	40.0	221		
50	40.0	221		
100	41.1	27		
200		221		
300		321		
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

Few shrimps 4 kinds of small  
 deep sea fish

No. 2539 Date Aug 1

Machine. Reel.

Turns 572 Cor. + 52 Depth 624 fms

Shot or lead 38 lb

Bottom fm M

Bottom temperature 38°

No. of Thermometer 63912 Cor. -

Corrected temperature 38°

Air 48° Surface 47° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.
P.M. 10.55.10	21.10	0
56.10	17.15	100
" "	14.50	200
" "	12.00	300
" "	9.00	400
" "	7.00	500
" "	5.10	600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3327 Date 11/1/16

Sigsbee Machine. #2 Reel.

Turns 530. Cor. + 48. Depth 578 fms

Shot or lead 38 lbs.

Bottom M.

Bottom temperature 37°

No. of Thermometer 63912 Cor. -

Corrected temperature 37°

Air 47° Surface 48° Drift. 1' 4" E

Trawl or dredge or tangles 1' 4" E

## SOUNDING WIRE.

DOWN.	UP.
04.30	6.23.15

## TURNS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

## DREDGE ROPE.

DOWN.	UP.
6.25.00	—
29.10	—
32.50	47.10
37.00	41.20
40.40	35.15
44.10	28.30
47.50	22.40
52.15	16.10
56.10	08.00
7.00.30.8	12.00
06.15	56.00
11.00	50.00
15.30	7.44.00

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	44.40	220		
50	53.0	172		
100	39.10	48		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*[Faint handwritten notes and signatures at the bottom of the page, mostly illegible.]*

V. 813  
507

No. 3320 *Jr* Date Aug 21 1891  
Machine. 2 Reel.

Turns 365 Cor. + 34 Depth 399 fm

Shot or lead 35 lb

Bottom fine bk. S.

Bottom temperature 37.7

No. of Thermometer 63912 Cor.

Corrected temperature 37.2

Air 52° Surface 57° Drift. 1' N

Trawl or dredge or tangles Long Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
9.30.30	40.00	0	9.45.20	11 01.20
31.40	38.40	100	50	58.40
32.50	37.55	200	3	56.10
34.00	37.00	300	120	53.20
34.30	9.36.50	400	10.00.10	50.40
		500	3.04	48.20
		600	06.40	45.35
		700	10.10	42.10
		800	13.50	10.38.50
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4075  
 220  
 186  
 34  
 365  
 309

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1. C. Churman, Sculptor,  
 2. H. Morris, 1 Sea Octopus  
 20 Macrurus, shells, 1 Hermit Crab  
 Many specimens of *Lyopodes latipes*  
 2. H. Morris



No.

Date

August 21 - 1881

Sigsbee Machine. <sup>1</sup>/<sub>2</sub> Reel.

Turns 321 Cor. + 30 Depth 351 fms

Shot or lead 35

Bottom

bk. S

Bottom temperature 37.0

No. of Thermometer 63412 Cor. —

Corrected temperature 37.0 <sup>7</sup>/<sub>10</sub> miAir 52° Surface 51° Drift. N.E. & E. <sup>1</sup>/<sub>4</sub> E.

Trawl or dredge or tangles K

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

30

55 10

0

11.57.40

1.5.00

50

55.30

100

12.01.00

1.5.00

100 3.0

54 3

200

04.50

1.5.00

150

300

08.40

51.40

400

12.30

46.31

500

17.00

45.51

600

20.40

45.51

700

12.27.00 11.57.40

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



No. 3331 Date May 22

Sigsbee Machine. 2 Reel.

Turns 320 Cor. + 30 Depth 350 fms.

Shot or lead 38 lbs.

Bottom

Bottom temperature 44.3 (1)

No. of Thermometer 63912 Cor. —

Corrected temperature — 7/10 mi

Air 51 Surface 53 Drift. N.E. x E 1/4 E.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1. 20. 00	1. 35. 30	0	1. 30. 00	36. 00
		100	34. 20	48. 50
		200	38. 40	45. 00
		300	45. 00	41. 40
		400	49. 20	38. 00
		500	53. 40	34. 40
		600	57. 20	31. 10
		700	2. 01. 40	2. 28. 00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



No. 3332 Date August 21<sup>st</sup> 1890.

Sigsbee Machine. #2 Reel

Turns 372 Cor. + 34 Depth 406 fms.

Shot or lead 38 lbs.

Bottom Rky & S.

Bottom temperature Therm<sup>2</sup> lost.

No. of Thermometer 63912 Cor. -

Corrected temperature -

Air 52 Surface 52 Drift 12 m

Trawl or dredge or tangles beam.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	44.40	220		
50	37.2	186		
100	40.70	34		
200		40.6		
300				
400				
500				
600		Wire parted at a flaw &		
700	240 fms. -	1-3846	lead, and	
800	1.77	7	253.4	
900				
1000				

# REMARKS.

Ophiurans. 1 Macrurus.  
 11 " 1 Sebastolobus  
 2 large fish. Starfish.  
 Holothurians  
 No 1

No. 311 Date August 22<sup>nd</sup> 1890.

Machine. - Reel.

Turns 19 Cor. + — Depth 19 fms -

Shot or lead 28 lbs.

Bottom gn. M.

Bottom temperature 44.

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 43.6

Air — Surface 48° Drift. 1 1/2

Trawl or dredge or tangles 7' 1/2

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

50.00

6.41.00

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

1/2 hr. after surf. No. 1000  
1 pt. 1000 fathoms. 1000 fathoms  
1 pt. 1000 fathoms. 1000 fathoms  
1 pt. 1000 fathoms. 1000 fathoms  
1 pt. 1000 fathoms. 1000 fathoms  
1 pt. 1000 fathoms. 1000 fathoms



No. 2540 Hy<sup>e</sup> Date August 22<sup>d</sup> 1890.  
 Hand lead Machine. Reel.

Turns — Cor. + — Depth 19 fms

Shot or lead 12 lbs.

Bottom 7H.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 46° Surface 48° Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

# DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS,

No. 2541 Hy<sup>a</sup> Date Aug 22<sup>1</sup> 1877.  
 Tanner Machine. — Reel.

Turns — Cor. + — Depth 17

Shot or lead 12 lbs.

Bottom gm. M.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 46° Surface 48° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

6.50.00

51

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

567.

No. 5112 Date August 22<sup>nd</sup> 1910.

Hand lead Machine. Reel.

Turns - Cor. + - Depth 19 fms.

Shot or lead 12 lbs.

Bottom S. & M.

Bottom temperature -

No. of Thermometer - Cor. - -

Corrected temperature -

Air 46° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
7.10.00	7.12.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2543 Hy<sup>a</sup>, Date August 22

Tanner Machine. — Reel.

Turns 35 Cor. + — Depth 351

Shot or lead 28 lbs.

Bottom fine. gy. s.

Bottom temperature 43.7

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 43.3

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

7.21.00 7.22.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 3334 *L?*Date August 22<sup>d</sup>. 1890.

Tanner Machine. — Reel.

Turns 49 Cor. + 1 Depth 50 fms.

~~Shot or lead~~ 28 lbs.

Bottom M. &amp; S.

Bottom temperature 43°

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 42.6

Air 47° Surface 48° Drift. N. 1/2 E.

Trawl or dredge or tangles Small

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

31.50

7.32.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

From 1000 ft. to 2000 ft. *Shall*  
 Crabs in the water  
 No crabs in the water  
 Small crabs.

507.

No. 1000 Hy. Date, Aug 1 22. 1.

Tanner Machine. - Reel.

Turns 62 Cor. + 1 Depth 63 fms.

~~Shot or lead~~ 28 lbs.

Bottom fm. s. + M.

Bottom temperature 42.2

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 41.8

Air 47° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.47.00	2.55.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2543 N.Y.S. Date Nov. 10

Tanner Machine. — Reel.

Turns 63 Cor. + 2 Depth 65

Shot or lead 28 lb

Bottom fine gy. S. + M.

Bottom temperature 4

No. of Thermometer 57266 Cor. -0.7

Corrected temperature 41.1

Air 47.0 Surface 47 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3335-<sup>Dr</sup> Date August 22. 1896

Machine. Reel.

Turns 91 Cor. + 2 Depth 93 fms

~~Shot or lead~~ 22

Bottom M.

Bottom temperature 41°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 40.5

Air 47° Surface 47° Drift.

~~Trawl or dredge or tangles~~ *Lucas Reel*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

34-18 7 12 00

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS:

Shells  
Sea Ur



No. 2546 Hyd Date August 22 18  
 Hand Reel Machine. Reel.

Turns 23 Cor. + 0 Depth 23 fms

Shot or lead 12 lbs

Bottom bk G

Bottom temperature \_\_\_\_\_

No. of Thermometer / \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air 48° Surface 47° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.21.00	9.22.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pick over 10 Reel  
 Shot 942  
 Cor. 122 lead  
 2 14 lb shot

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

*Cod Measurements*  
SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Min.	6 lbs	24	ins.
50	Max.	16 "	34	"
100	Avg.	12 3/4 "	29 1/2	"
200	male 8.	female 14		
300				
400				
500				
600			23	in
700				
800				
900				
1000				

REMARKS.

No. *2547* Date *August 22<sup>nd</sup> 1890**Hand* Machine. Reel.Turns *17* Cor. + *0* Depth *17 fms*Shot or lead *12 lb.*Bottom *bk. G*

Bottom temperature

No. of Thermometer ——— Cor.

Corrected temperature

Air *50°* Surface *50°* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

*Serial Temperature*  
SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>min</i>	<i>3 1/2 16</i>	<i>20</i>	<i>---</i>
50	<i>max</i>	<i>8 "</i>	<i>26</i>	<i>"</i>
100	<i>avg</i>	<i>6. "</i>	<i>24</i>	<i>"</i>
200	<i>h</i>			
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2544* Date *Aug 21 1880*Machine. *Sigsbee* Reel.Turns *53* Cor. + *1* Depth *54 fms*

Shot or lead

Bottom *fine bk. S*Bottom temperature *42.2°*No. of Thermometer *7250* Cor. *-0.4*Corrected temperature *41.8*Air *50°* Surface *50°* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

*Cod Fish*

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>Min</i>	<i>11 1/2 lbs</i>	<i>29</i>	<i>in</i>
50	<i>Max</i>	<i>17 1/2 "</i>	<i>3 1/2</i>	
100	<i>avg</i>	<i>14 "</i>		
200	<i>1</i>			
300	<i>3 males &amp; 2 females</i>			
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 333 Date August 22 1901

Machine.— Reel.

Turns 347 Cor. + 1 Depth 55 fms.

Shot or lead 28 lb

Bottom fine. bk. s

Bottom temperature

No. of Thermometer 5266 Cor. -0.4

Corrected temperature 41.6

Air Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

41.10 10 43.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400





No. 2524 Date Aug 27  
*Tanner* Machine. Reel.  
 Turns 14 Cor. + 1 Depth 45 fms  
 Shot or lead 28 lb  
 Bottom fine bk. S.  
 Bottom temperature 42.8°  
 No. of Thermometer 57260 Cor. -0.4  
 Corrected temperature 42.4  
 Air 50° Surface 52° Drift.  
 Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

10 00 11 11.20

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

*Cod*

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>May</i>	<i>12</i>	<i>3.2</i>	<i>err</i>
50	<i>May</i>	<i>12</i>	<i>2.5</i>	<i>"</i>
100	<i>May</i>	<i>12</i>	<i>2.7</i>	<i>"</i>
200				
300	<i>May</i>	<i>12</i>	<i>2.5</i>	<i>"</i>
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2550 / Hy? Date August 22 90Tanner Machine. Reel.Turns 46 Cor. + 1 Depth 47 fmsShot or lead 28 lbsBottom bn. M.Bottom temperature 43.7No. of Thermometer 57260 Cor. -0.4Corrected temperature 43.3Air 54° Surface 54° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

40.3011 42.000100200300400500600700800900100011001200130014001500160017001800190020002100220023002400

but near 7 fms. out it is fine  
 in air 11 52  
 total: 2 corrections

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600"  
3700  
3800  
3900  
4000

*Cod Maximum*

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>Min</i>	<i>4 1/2 66</i>	<i>23</i>	<i>in</i>
50	<i>Max</i>	<i>21 "</i>	<i>2</i>	
100	<i>Arg</i>	<i>12 1/2</i>		
200				
300	<i>2 Females</i>			
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2551 Hy<sup>d</sup>. Date Aug<sup>1</sup> 1881  
Machine. Reel.

Turns 57 Cor. + 1 Depth 58 fms.

Shot or lead 28 lbs.

Bottom br. M

Bottom temperature 42.5

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 42.1

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.00	12.05.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2554 *Hyd* Date *Aug 11 1890*

Hand lead Machine. - Reel.

Turns - Cor. + - Depth 13 fms.

~~Shot or lead~~ 12 lbs.

Bottom *crs. bk. S.*

Bottom temperature -

No. of Thermometer - Cor. -

Corrected temperature -

Air 54° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
12.22 00	12.23 10	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Start line over  
In at 12.30-  
Caught 1 *Trachurus*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2553 Date Aug 1890  
Tanner Machine. Reel.

Turns 211 Cor. + Depth 4

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 57200 Cor. -0.7

Corrected temperature 34.3

Air 46 Surface 47 Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 253464 Date August 26. 90

Tanner Machine. Reel.

Turns 26 Cor. + 0 Depth 26 fms

Shot or lead 28 lb

Bottom Sh. + R

Bottom temperature 46.2

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 45.8

Air 46 Surface 47 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 511 Date *Sept. 26* 1890

Machine. Reel.

Turns *47* Cor. + *1* Depth *48 fms*~~Shot or lead~~ *22*Bottom *f*Bottom temperature *45.3*No. of Thermometer *57260* Cor. *-0.4*Corrected temperature *44.9*Air *54°* Surface *46°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.17.00</i>	<i>5.18.53</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3387 Date August 2

Sigsbee Machine. 12 Reel.

Turns 257 Cor. + 23 Depth 28

Shot or lead 38 lbs.

Bottom gn. M. Y. R.

Bottom temperature 40

No. of Thermometer 5 Cor. - 0.1

Corrected temperature 39.5

Air 55 Surface 61 Drift. mi E. N. E.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	112.0	115		
50	112.7	115		
100	112.8	115		
200		115		
300				
400				
500				
600				
700				
800				
900				
1000	112.0	115		

# REMARKS.

8 fms. 112.0 was  
 112.0 was 1/2 down  
 5 fms. 112.7 was 3/4 down  
 10 fms. 112.8 was 1/2 down  
 20 fms. 112.8 was 1/2 down  
 30 fms. 112.8 was 1/2 down  
 40 fms. 112.8 was 1/2 down



No. 2556 Date 27<sup>th</sup> 1890  
 Sigbee Machine. Reel. 2

Turns 569 Cor. + 50 Depth 619

Shot or lead: 38 lbs

Bottom gn cr

Bottom temperature 38.5

No. of Thermometer 57260 Cor. - .7

Corrected temperature 37.8

Air 60° Surface 55° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

4200  
129  
3031  
197  
147

No. 2557 *Ny<sup>L</sup>* Date *Aug 10**Sigsbee* Machine. #2 Reel.

Turns 499 Cor. + 43 Depth 542 fms.

Shot or lead 38 lbs.

Bottom *Rk.*

Bottom temperature 38.1

No. of Thermometer 5566 Cor. - 0.1

Corrected temperature 38.0

Air 59° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.11.00	5.19.30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	16.5	1		
50	37	4		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

813  
607.

No. 2555 Date Dec. 27. 00

Agassiz Machine. #2 Reel

Turns 607 Cor. + 59 Depth 756 fms

~~Shot or lead~~ 38 lb.

Bottom gn. m.

Bottom temperature 37° 3

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 36.6

Air 52° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
11. 04. 00	26. 50	0		
05. 30	25. 50	100		
06. 45	24. 55	200		
07. 50	24. 00	300		
09. 10	23. 00	400		
10. 30	22. 55	500		
12. 00	21. 35	600		
13. 40	11. 19. 20	687 700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

11700

3503, 47  
1365

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*CV*

No. 333851 Date August 28/90  
Sigsbee Machine. Reel. 2

Turns 575 Cor. + 50 Depth 625

Shot or lead 38 lbs.

Bottom gn. M. + Sand

Bottom temperature 18.2

No. of Thermometer 51260 Cor. - 0.7

Corrected temperature 37.3

Air 52 Surface 51 Drift. N 2 x E 2.5 m

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>5-11-15</u>	<u>5-10-45</u>	0	<u>5-32-10</u>	<u>7-27-0</u>
		100		
		200	<u>11-15</u>	
		300	<u>4-0</u>	
		400	<u>11</u>	
		500	<u>11-0</u>	
<u>5-11-30</u>	<u>5-14-0</u>	600	<u>11-0</u>	
		700	<u>5-14-0</u>	<u>7-7-45</u>
		800	<u>6-0-0</u>	
		900	<u>11-0</u>	
		1000	<u>5-0</u>	
		1100	<u>11-30</u>	
		1200	<u>6-15-0</u>	
		1300	<u>1-0</u>	<u>6-40-30</u>
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700	A few Small Deep-sea Fishes.			
800	1 Cu. Deep-sea Coral. - very Choice.			
900	1 Deep-sea Skate. 1 qt. (4 sp.) Shrimps.			
1000	2 qts. Ophiurans. 2 qts. Crinoids.			
	2 qts. Simple Arm Astrophylons; 5 sps.			
	Deep-sea Star fish. 1 pk. Pennatula;			
	4 large Sebastes lobus; 2 doz. Macrurus;			
	Sponge; 1 Large & 2 Small Deep-sea Crabs;			
	1 qt. Alcyonarians; & 3 Squid; Sea Mice.			
	Sea Anemones; few Shells; Naked			
	Mollusks; Holothurians.			



No. 5339 02 Date

Sigsbee Machine #2 Reel.

Turns 127 Cor. + 11 Depth 138 fms.

~~Shot or lead~~ 38 lbs.

Bottom M.

Bottom temperature 38.1

No. of Thermometer 5 Cor.

Corrected temperature 37.4

Air 53 Surface 53 Drift. 2 mi E. N. E.

~~Trawl or dredge or tangles~~ Large beam

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400



No. 3520 Date Aug 29 1890

Sigsbee Machine, Reel.

Turns 640 Cor. +

Depth 695 fms

Shot or lead 38 lb

Bottom M

Bottom temperature 37.5

No. of Thermometer 57260 Cor. - .7

Corrected temperature

Air 54° Surface 52° Drift. 2<sup>mi</sup> E.N.E.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
6 03 10	00 55	0	6. 03. 10	35-0
	10 00	100	29 00	33-0
	11 12	200	32. 50	30-0
	12 25	300	36. 20	27-0
	13 40	400	39. 00	24-0
	15 10	500	43. 35	21-0
	16 25	600	45 25	18-0
	17 45	700	48. 15	15-0
		800	52 30	12-0
		900	55 10	9-0
		1000	59. 40	6-0
		1100	7 03 30	03-0
		1200	16 35	8. 00. 40
		1300	18. 00	56 00
		1400	14 30	7. 53. 00
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900	light green water			
1000	blue			

REMARKS.

8 or 10 specimens of  
small Hermit Crab  
1 Pinna Littoridus  
Surf Scot. Star  
50 specimens 4 species  
1 Mayma fish, few Delastichus,  
1 exceedingly large Murex

No. 2504 Date August 25<sup>th</sup> 1891Sigsbee Machine. # 2 Reel.Turns 453 Cor. + 41 Depth 494 fms.Shot or lead 38 lbs.Bottom gn. M. + S.Bottom temperature 38.6No. of Thermometer 57 Cor. - .7Corrected temperature 37.9Air 54° Surface 51° Drift.Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

12. 63. 2612. 51. 20

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	45.2	158		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3341 Date Aug. 29 '98  
Sigsbee Machine. 2 Reel.

Turns 62 Cor. + 3 Depth 67 fms

Shot or lead 38 lb

Bottom fine gy. s.

Bottom temperature 15.5

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 41.1

Air 55° Surface 54° Drift. 1' NE x N

Trawl or dredge or longlines Beam

SOUNDING WIRE.			DREDGE ROPE.	
DOWN.	UP.	TURNS.	DOWN.	UP.
5 05.10	5 06.30	0	5 13.15	5 14.15
06.00	5 06.15	100	5 15.15	5 16.00
		200	22.05	5 45.00
		300	Trawl came up empty	
		400	5 53.50	6 26.00
		500	56.00	23.30
		600	6 00.00	21.00
		700	03.00	6 20.00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

42 00  
 62  
 4138  
  
 10.7  
 102  
 5

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2 Rock Cod + a few shrimp



5873  
J. B. B.

No. 2560 Key Date Aug. 29. 90

Sigsbee Machine. #2 Reel.

Turns 90 Cor. + 17 Depth 20 fms

Shot or lead 38 lbs

Bottom M

Bottom temperature 40.2°

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 39.5

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.50.10	57.20	0
50.50	53.50	100
51.30	7.54.00	190
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

4200  
 190  
 4010  
 100  
 180  
 100  
 200

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. *Sigsbee* 2 Reel.Turns *1066* Cor. + *86* Depth *1152 fms*Shot ~~or lead~~ *60 lbs.*Bottom *gn. M.*Bottom temperature *36.2*No. of Thermometer *57260* Cor. *-0.7*Corrected temperature *55.5*Air *54°* Surface *52°* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*10.45.00**11.09.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	10.66	11		
100	3.30	101		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2065* Date *Aug 20<sup>th</sup> 90*

Machine. *Sigsbee* Reel.

Turns *2065* Cor. + *44* Depth *2107 fms*

Shot or lead *60 lb*

Bottom *fy. M.*

Bottom temperature *35.6*

No. of Thermometer *57268* Cor. *-0.1*

Corrected temperature *34.9*

Air *55* Surface *84* Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

# DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.08.00</i>	<i>54.00</i>	0		
<i>09.10</i>	<i>53.40</i>	100		
<i>0.10.</i>	<i>52.55</i>	200		
<i>1.20</i>	<i>52.15</i>	300		
<i>12.50</i>	<i>51.30</i>	400		
<i>14.00</i>	<i>50.45</i>	500		
<i>15.00</i>	<i>50.00</i>	600		
<i>16.00</i>	<i>49.10</i>	700		
<i>16.55</i>	<i>48.20</i>	800		
<i>17.55</i>	<i>47.30</i>	900		
<i>18.50</i>	<i>46.40</i>	1000		
<i>19.50</i>	<i>45.50</i>	1100		
<i>20.40</i>	<i>45.00</i>	1200		
<i>21.53</i>	<i>44.15</i>	1300		
<i>22.45</i>	<i>43.45</i>	1400		
<i>23.50</i>	<i>42.45</i>	1500		
<i>24.40</i>	<i>41.30</i>	1600		
<i>25.35</i>	<i>40.00</i>	1700		
<i>26.50</i>	<i>39.30</i>	1800		
<i>28.00</i>	<i>36.20</i>	1900		
<i>29.10</i>	<i>34.30</i>	2000		
<i>30.45</i>	<i>2.31.50</i>	2100		
		2200		
		2300		
		2400		

4200  
 2053  
 2147

197  
 53  
 144

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 25-10 H. L. Date 11/11/11  
Sigsbee Machine. #2 Reel.  
Turns 245 Cor. + 16 Depth 2620 fms.  
Shot or lead 60 lbs.  
Bottom Gr. M.  
Bottom temperature 35.2  
No. of Thermometer 57260 Cor. -0.7  
Corrected temperature 34.5  
Air 55° Surface 54° Drift.  
Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 52.00	48.00	0		
6. 22.00	6. 25.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	47.0	197		
50	47.5	33		
100	17	76-2		
200		2458		
300		267.4		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2564 NY Date

Oct. 3, 1890

Sigsbee

Machine.

Reel.

1 2

Turns 2762 Cor. + 173

Depth 2935

Shot or lead 60 lbs.

Bottom fine bk. S &amp; G. oz.

Bottom temperature 35.1

No. of Thermometer 51060 Cor. - 0.1

Corrected temperature 35.1

Air 54 Surface 53 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9-29-0 10-31-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10-03-30 10-06-0		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2565 Date Aug 20 1881

Sigsbee Machine. #2 Reel.

Turns 2100 Cor. + 173 Depth 2275 fms.Shot or lead 60 lb

Bottom

Bottom temperature 36°No. of Thermometer 55210 Cor. - 0.7Corrected temperature 35.3Air 54° Surface 54° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

55° 00	3. 02. 00	0
57. 00	0 01. 00	100
9 00	3 00. 00	200
2. 00 15	59. 00	300
01 15	58. 00	400
12 30	57. 00	500
13 20	56. 10	600
04. 25	55. 20	700
05 25	54. 30	800
06 30	53. 40	900
07 40	52. 50	1000
08 30	51. 30	1100
09. 45	50. 55	1200
11 20	50. 00	1300
12 35	49. 10	1400
13 47	48. 20	1500
15 00	47. 05	1600
16 20	46. 40	1700
17 00	45. 45	1800
18 25	44. 15	1900
20 30	43. 25	2000
21 40	42. 30	2100
22 50	41. 40	2200
23 50	40. 40	2300
24 30	39. 50	2400

2 28.40	39.00	2500
29 30	36 00	2600
30. 30		2700
		2800
		2900
		3000
		3100
		3200
		3300
27 00		3400
27 30		3500
27 45		3600
1 07		3700
2 00		3800
2 13		3900
1 18		4000
2 18		
2 25		

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns 2608 Cor. + 168

Depth 2776 fms.

Shot or lead

Bottom gy. flz.

Bottom temperature 35.

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 34.

Air 74.

Surface

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	26.08.	29		
100	15.94	168		
200		2608.		
300		417		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 256 Date Aug 11/00

Machine. Reel.

Turns 2160 Cor. + 15 Depth 2175 fms

Shot ~~or lead~~ 60 lb

Bottom Gr. M.

Bottom temperature 35.2

No. of Thermometer 57263 Cor.

Corrected temperature 35.1

Air 54 Surface 52.6 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

16.00 5 16.00 0

17.00 14.00 100

18.00 13.00 200

19.00 12.00 300

20.00 11.00 400

21.00 10.00 500

22.00 09.00 600

23.00 08.00 700

24.00 5. 08.20 800

25.00 59.38 900

26.15 58.40 1000

27.26 57.50 1100

28.30 57.00 1200

29.00 56.10 1300

30.10 55.20 1400

31.20 54.30 1500

32.30 53.40 1600

33.40 52.50 1700

34.50 52.00 1800

36.00 51.00 1900

37.10 50.10 2000

38.20 49.20 2100

42.15 48.00 2200

43.20 47.10 2300

2400

1200  
 2260  
 2260  
 1940  
 137  
 142  
 134  
 134  
 2260  
 2260  
 2260

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2511 Date Nov 1 1881  
 Machine. Sigsbee Reel.

Turns 142 Cor. + 14 Depth 156

Shot or lead 60 lbs

Bottom gy. Oz

Bottom temperature 35.2

No. of Thermometer 721 Cor. 0.1

Corrected temperature 35.1

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7. 42.00	28.00	0		
8. 05.00	8.08.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	4200	197		
50	1990	55		
100	2210	142		
200		1990		
300		2132		
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

9 Key Date Sept. 1

Machine. 2 Reel.

Turns 1830 Cor. + 133 Depth

Shot or lead 60 -

Bottom gy. oz. bk. S.

Bottom temperature 35.8°

No. of Thermometer 57260 Cor. - 0.7

Corrected temperature 35.1

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	112.00	197 64		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2557 Date Sept. 2, 1900  
 Machine. Reel. 2

Turns 1540 Cor. + Depth 1550

Shot or lead 60 lb.

Bottom Lt. br. Og

Bottom temperature 36.0

No. of Thermometer 7410 Cor. -0.2

Corrected temperature 35.8

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>1-15-30</u>	<u>1-45-0</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
<u>1-50-0</u>	<u>2-12-0</u>	1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



1750  
1867

No. 267111 Date 1

Machine. 2 Reel.

Turns 1455 Cor. + 111 Depth 1566 f.

Shot or lead 60 lbs.

Bottom gy. oz. tr. m. & s.

Bottom temperature 36-

No. of Thermometer 5 Cor.

Corrected temperature 35.2

Air 57° Surface 57' Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	9.08.00	0		
49.00	8.50.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	14.55	00		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 3342 Date July 1 1891

Sigsbee Machine. 2 Reel.

Turns 145 Cor. + 5 Depth 150 fms

Shot or lead 60 lb

Bottom gy. G. co. S.

Bottom temperature 36°

No. of Thermometer 2222 Cor. - 0.7

Corrected temperature 35.3

Air 56° Surface 57° Drift. 1<sup>mi</sup> 8.E. x E.

Trawl or dredge or tangles L. S. Beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
01.00	35.30	0	3.10	14.10
02.40	35.00	100	4.50	14.10
04.25	34.30	200	6.30	14.12
07.25	33.40	300	8.15	14.10
		400		39.41
		500		31.40
		600		3.11
		700	9.55	14.10
		800		12.30
		900	11.10	18.10
10.00	27.20	1000	12.10	14.00
15.05	26.25	1100	16.45	10.12
16.10	25.05	1200	19.30	06.10
17.20	23.30	1300	22.00	03.50
		1400	25.10	00.10
		1500	28.10	55.00
		1600	30.00	50.00
		1700	34.15	46.10
		1800	37.10	40.00
		1900	39.40	36.20
		2000		18.10
		2100	45.10	00.00
		2200	47.10	24.00
		2300		
		2400	47.10	

77  
 84  
 113  
 4200  
 1275  
 2725

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600	Very strong light			
700				
800				
900				
1000	2 kinds of Macrurus			

REMARKS.

1 (Chelopus, 2 kinds of Coral, Stalked Bryozoa  
~~Small~~ ~~Bryozoa~~ ~~Shrimps~~ 2 kinds,  
 Sea Anemones, 1 Lobster Shell,  
 Crabs, ~~Reddish~~, 1 ~~Small~~ ~~Shrimp~~;  
 Amphipods, ~~Small~~ ~~Ammonia~~ ~~small~~  
 3 kinds of Star fish several kinds of fish.

No. 3343 Date Sept 21/89  
 Machine. Reel. #2

Turns 475 Cor. 41 Depth 516

Shot or lead 38 lbs.

Bottom gn m

Bottom temperature 39.5

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 38.8

Air 53 Surface 54 Drift. 2<sup>m</sup> S 8 x S

Trawl or dredge or tangles large beam

SOUNDING WIRE.		TURNS.	AND DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9-00-0	9-15-0	0	9-27-15	11-01-0
10-0	18-0	100	31-30	59-0
11-0	20-0	200	34-0	57-00
12-0	21-30	300	37-0	55-30
13-0	22-30	400	40-0	49-30
14-30	24-0	500	43-0	47-30
		600	46-0	45-0
		700	49-30	41-30
		800	53-0	38-0
		900	56-0	34-0
		1000	10-0-0	10-30-0
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



1157.  
J.E.B.

No. 3344 Date June 27 1880  
 Signature J.E.B. Machine. N<sup>o</sup> 2 Reel.  
 Turns 767 Cor. + 64 Depth 831 fms.  
 Shot or lead 35 lbs.  
 Bottom gn. M.  
 Bottom temperature 57.5  
 No. of Thermometer 57 Cor. -0.7  
 Corrected temperature 36.8  
 Air 55 Surface 58 Drift. -  
 Trawl or dredge or tangles -

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
	12.20	0	1.24.17	11.07.00
12.15	1.12.10	100	1.25.30	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	767	1.97	
50	76.7	767	1.35	
100	34.33	831	64	
200				
300	Stop gear on middle			
400	and come up			
500	down.			
600				
700				
800				
900				
1000				

# REMARKS.

1 tick,  
 1 large shrimp  
 a few small holothurians.

No. 3345 Date Sept 10 1881  
 Machine. Reel. 2

Turns 700 Cor. + 50 Depth 759

Shot or lead 60 lb.

Bottom gy M

Bottom temperature 38

No. of Thermometer 57260 Cor. -0.7

Corrected temperature 37.3

Air 56 Surface 57 Drift.

Trawl or dredge or tangles large

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-21-50	5-41-0	0	5-51-0	54-0
23-0	40-0	100	55-0	
25-25	39-0	200	59-0	
26-30	38-0	300	6-48-0	
28-0	37-0	400	06-0	
29-30	36-0	500	09-45	
31-0	35-0	600	12-0	
33-30	5-34-0	700	15-0	
		800	18-0	
		900	22-45	
		1000	26-0	27-30
		1100	30-45	24-0
		1200	35-0	21-0
		1300	37-30	18-30
		1400	41-0	15-45
		1500	44-0	7-11-30
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Trawl came up  
 cap seized

100

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

## REMARKS.

few Crinoids. few Ophiurians.  
" Star fishes.  
1 Astrotrochus. Macrurus



No. *111* Date *11/1/01*  
*Sigsbee* Machine. *#2* Reel.

Turns *70* Cor. *+* Depth *5*

Shot or lead *35 lbs.*

Bottom *gn. M.*

Bottom temperature *38°*

No. of Thermometer *57260* Cor. *-0.7*

Corrected temperature *37.3°*

Air *55* Surface *54* Drift. *—*

Trawl or dredge or tangles *Long beam*

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*127.5* *1.58.00*

*11.17.00* *10.46.00*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	42.00	197		
50	77.6	137		
100		60		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

no. 100

no. 100

No.

Date

Machine.

Reel.

Turns :

Cor. +

Depth 345

Shot or lead

Bottom

Bottom temperature

No. of Thermometer

Cor. -0.7

Corrected temperature 40.0

Air 54 Surface

Drift. SSw 2.5

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

52-30

100

14.00 4-12-30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	22.10	197		
50	51.1	160		
100				
200				
300				
400				
500				
600				
700				
800				
900	4.0	100		
1000	4.0	100		

REMARKS.

1st. Shells. 2000

1st. 2000. 1st. 2000. 6. 2000. 2000. 2000.

2nd. 2000. 2000. 2000. 2000. 2000.

1st. 2000. 2000. 2000. 2000. 2000.

few 2000. 2000. 2000. 2000. 2000.

2442

No. 2572 Hy Date Oct 24/1901  
 Tanner Machine. Reel.

Turns 26 Cor. + Depth 26

Shot or lead 28 lbs.

Bottom bk b. & p

Bottom temperature 50.2

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 50.8

Air 53 Surface 51 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

DREDGE ROPE.

DOWN.

UP.

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

not down beyond 200

Shot or lead 28 lbs.  
 Shot or lead 28 lbs.

1.0

5.0 7.06.0

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*MA*

No. *2573* Ty Date *Sept 24/90*  
*Sigsbee* Machine. Reel. *22*

Turns *48* Cor. + *4* Depth *52*

Shot or lead *35 lb*

Bottom *dk m v s*

Bottom temperature *50*

No. of Thermometer *57260* Cor. *-0.4*

Corrected temperature *49.6*

Air *53* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-0-0</i>	<i>10-03-0</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2542 Date Sept 24/90.

Machine. Reel. 2

Turns 208 Cor. + 18 Depth 226

Shot or lead 38 lbs.

Bottom bk s & c w

Bottom temperature 45.2

No. of Thermometer 1146 Cor. - 0.4

Corrected temperature 44.8

Air 53 Surface 52 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12-33-30 10-39-0

37-0 10-43-0 08 100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*C. M. B.*

No. *2575* Date *Sept. 21/90.*

*Sigsbee* Machine. Reel. *2*

Turns *450* Cor. *39* Depth *489*

Shot or lead *36 lbs.*

Bottom *gn. m.*

Bottom temperature *40.5*

No. of Thermometer *57260* Cor. *-0.7*

Corrected temperature *39.8*

Air *53* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-10-0</i>	<i>11-25-0</i>	0		
<i>12-30</i>	<i>24-0</i>	100		
<i>14-15</i>	<i>25-0</i>	200		
<i>16-15</i>	<i>22-0</i>	300		
<i>18-15</i>	<i>11-20-0</i>	400		
		<i>450</i>		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

5071  
1100

No. 2576 Ny Date Feb 11, 1890  
Sigsbee Machine. Reel. 2

Turns 310 Cor. + 77 Depth 337 fms.

Shot or lead 3 lbs.

Bottom gn. M. S.

Bottom temperature 43.0

No. of Thermometer 51266 Cor. -0.4

Corrected temperature 42.6

Air 55° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-54-0	12.00 30	0		
55-15		100		
11.30		200		
5.30 11.55		300		
		310 400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	4200	197	310	
50	310	170	27	
100	3890	27	337	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2577 *Hy* Date *Aug 22 1881*

Tanner Machine. Reel.

Turns 541 Cor. + 1 Depth 55 fms

Shot or lead 28 lbs.

Bottom R. G. & brk. sh.

Bottom temperature 50°

No. of Thermometer 57460 Cor. -0.4

Corrected temperature 49.6

Air 58° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 43. 00	1. 45. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

~~Shot or lead~~

Bottom

Bottom temperature

No. of Thermometer 51

Cor. - 0.2

Corrected temperature 52.7

Air

Surface

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*No.* *Date*  
*Machine.* *Reel.*  
*Turns* *Cor. +* *Depth*  
~~*Shot or lead*~~  
*Bottom*  
*Bottom temperature*  
*No. of Thermometer* *Cor.*  
*Corrected temperature* —  
*Air* *Surface* *Drift.*  
*Trawl or dredge or tangles*

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2680 Key 1861 Date Dec 10 1861

Machine. Reel.

Turns 156 Cor. + 5 Depth~~Shot or lead~~Bottom fine g.Bottom temperature 48°No. of Thermometer 57260 Cor. 0.4Corrected temperature 47.6°Air 55 Surface 52 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2081 Date May 1Tanner Machine. Reel. 1Turns 78 Cor. + 2 Depth 80.6Shot or lead 38 lbBottom crs. G.Bottom temperature 41No. of Thermometer 572 Cor. -6.4Corrected temperature 48°Air 55 Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2552 Date Sept 20 1891  
Sigsbee Machine. — Reel.

Turns 107 Cor. + 3 Depth 110 fms

Shot or lead 28

Bottom bk S. + M

Bottom temperature 48°

No. of Thermometer 5726 Cor. - 0.4

Corrected temperature 47.6

Air 53° Surface 54° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7:13:00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 255 Date Sept 24 90

Tanner Machine. Reel.

Turns 258 Cor. + 5 Depth 263 fms

Shot or lead 28 lb

Bottom gn. M

Bottom temperature 44°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 43.6

Air 55° Surface 57° Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

7 31 7 43 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

3172  
*1112*

No. *2584 Hy* Date *Sept 24/90*  
 Tanner Machine. Reel.

Turns *265* Cor. + *5* Depth *270*

Shot or lead *28 lbs*

Bottom *gn m*

Bottom temperature *43.8*

No. of Thermometer *57360* Cor. - *0.0*

Corrected temperature *43.8*

Air *54* Surface *54* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>Pu</i>				
<i>8-25-0</i>	<i>8-57-0</i>	<i>265</i>		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2585 Hy Date Sept. 24 1900  
 Tanner Machine. Reel.

Turns 91 Cor. + 2 Depth 93

Shot or lead 28 lbs.

Bottom gn. cr.

Bottom temperature —

No. of Thermometer 57260 Cor. —

Corrected temperature —

Air 55 Surface 53 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9-05.0 9-28.0

98

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2586 Hy Date Sept 1-1887  
 Tanner Machine. Reel.

Turns 79 Cor. + 2 Depth 81

Shot or lead 38 lbs.

Bottom gn. m.

Bottom temperature ther. did not register

No. of Thermometer 57260 Cor. -

Corrected temperature -

Air 55 Surface 53 Drift.

Trawl or dredge or tangles -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>9-25-0</u>	<u>9-30-0</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *2577* H<sub>4</sub> Date *Sept 24/1897*

Tanner Machine. Reel.

Turns *99* Cor. + *3*Depth *102*Shot or lead *38 lbs.*Bottom *gn. sh.*Bottom temperature *48*No. of Thermometer *57360* Cor. - *0.4*Corrected temperature *47.6*Air *55* Surface *53* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*10-30-0* *10-25-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

100

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2589 Hg Date Sept 26/90.

Machine. Reel.

Turns 221 Cor. + 5 Depth 226

Shot or lead 28 lbs.

Bottom gn. M.

Bottom temperature 45

No. of Thermometer 1550 Cor. 0.4

Corrected temperature 44.6

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11-46-0 11-50.0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2590 149 Date Sept 25/90  
 Machine. Reel.

Turns 137 Cor. + 3 Depth 140

Shot or lead 28 lbs.

Bottom SxM

Bottom temperature 46.8

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 146.4

Air 55 Surface 53 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>15-00</u>	<u>12-10-50</u>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2591 Hys Date Sept 25<sup>th</sup> 1895  
Tanner Machine. - Reel.

Turns 80 Cor. + 2 Depth 82 fms.

Shot or lead 28 lbs.

Bottom fine s. bk. G.

Bottom temperature 48.4

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 48°

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.55.00

12.57.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1702

No. 2592 Hyd Date Aug 22 1892

Tanner Machine. Reel.

Turns 104 Cor. + Depth 151

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 46.8

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 46.4

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 09. 00	1. 11. 00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

*1002*

No. *2593* Date *Sept 25 1871*  
*Tanner* Machine. — Reel.

Turns *23* Cor. + *5* Depth *23*

Shot or lead *28 lbs.*

Bottom *M.*

Bottom temperature *44.2*

No. of Thermometer *57 260* Cor. *-0.4*

Corrected temperature *44.3*

Air *54°* Surface *53°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*1. 21.00* *1. 30.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
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	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

▲

REMARKS.



1707. C. 3.

No. 2594 H. E. Date Sept. 25<sup>th</sup> 1891

Tanner Machine. - Reel.

Turns 233 Cor. + 5 Depth 238 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 44.1

No. of Thermometer 51766 Cor. - 0.4

Corrected temperature 43.2

Air 54° Surface 53° Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.12.00 2.20.00

0

100

200

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400

500

600

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800

900

1000

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1500

1600

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2100

2200

2300

2400

	2500	
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	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1753.  
557.

No. 2595 Date Sept 25<sup>th</sup> 1890

Tanner Machine. — Reel.

Turns 129 Cor. + 3 Depth 132 fms.

Shot or lead 28 lbs.

Bottom fine S. M.

Bottom temperature 47.4

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 47.0

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2. 35. 00 2. 42. 00

0

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1600

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	2500	
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	2700	
	2800	
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	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2596 H<sub>1</sub> Date Sept 25<sup>th</sup> 1891

Tanner Machine. — Reel.

Turns 75 Cor. + 2 Depth 77 fms.

Shot or lead 28 lbs.

Bottom M.

Bottom temperature 48.5

No. of Thermometer 57 Cor. - 0.4

Corrected temperature 48.1

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2.55.00 2.59.00

0

100

200

300

400

500

600

700

800

900

1000

1100

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1400

1500

1600

1700

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1900

2000

2100

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2300

2400

	2500	
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	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1762  
567

No. 2597 Hye Date Sept 25<sup>th</sup> 1890

Tanner Machine. — Reel.

Turns 75 Cor. + 2 Depth 77 fms.

~~Shot or lead~~ 28-lbs.

Bottom fine s. M.

Bottom temperature 48.5

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 48.5

Air 54° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

3.38.00 3.43.00

DREDGE ROPE.

DOWN.

UP.

TURNS.

0

100

200

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2400

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	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



1567

No. 2598 *Hy* Date *Sept<sup>r</sup> 25<sup>th</sup> 1890.*

*Sigsbee* Machine. - Reel.

Turns *84* Cor. *+* *7* Depth *86 fms.*

Shot or lead *28 lbs.*

Bottom *M.*

Bottom temperature *48.5*

No. of Thermometer *5726* Cor. *-0.4*

Corrected temperature *47.6*

Air *54°* Surface *53°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*J.M.*

*3.53.00* *3.57.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2597 Date Sept 25 1880  
 Tanner Machine. Reel.

Turns 158 Cor. + 3 Depth 161 fms

Shot or lead 28 lbs.

Bottom gn. M

Bottom temperature 48°

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 47.6

Air 54° Surface 55° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 7666 Date May 18 1881

Tanner Machine. — Reel.

Turns Cor. 4 Depth 2

Shot or lead 35

Bottom gn. m.

Bottom temperature

No. of Thermometer 1171 Cor. -0.4

Corrected temperature 46.4

Air 57° Surface 55° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Sept 25

Tanner Machine. Reel.

Turns 75 Cor. + 2 Depth 77 fms

Shot or lead 28 lb

Bottom gn M

Bottom temperature 48.0

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 47.6

Air 54 Surface 54 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

22 10 5 21 10

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *21-12-11* Date *1. 1. 11*

Machine. Reel.

Turns Cor. + Depth *28 fms*Shot or lead *28 lbs*Bottom *gy. M.*Bottom temperature *48.5*No. of Thermometer *57260* Cor. *-0.4*Corrected temperature *48.1*Air *54* Surface *54* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*5.45.00**5.48.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Machine. Reel.

Shot or lead 28 lbs

Bottom  $9m\ 7m$

Bottom temperature 45°

No. of Thermometer 26 Cor. - 0.4

Corrected temperature 44.6

Air 54° Surface 54° Drift.

Trawl or dredge or tangles.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
00.00	6.05.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2661 Date Sept 10  
 Tanner Machine. — Reel. —  
 Turns 59 Cor. + 1 Depth 60 fms  
 Shot or lead 28 lbs  
 Bottom gn M  
 Bottom temperature 49  
 No. of Thermometer 7260 Cor. - 0.4  
 Corrected temperature 49.4  
 Air 53 Surface 52 Drift.  
 Trawl or dredge or tangles.

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

1. 27. 00 6. 28. 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2605-Hy Date Sept 21-1900

Tanner Machine. Reel.

Turns 55 Cor. + Depth 117mShot or lead 28 lbBottom gn. MBottom temperature 50°No. of Thermometer 5521.0 Cor. -0.4Corrected temperature 49.6Air 53° Surface 54° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

6:57.006:53.00

0

100

200

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2100

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	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2606 Key Date Sept 25 1890  
 Tanner Machine. Reel.

Turns 58 Cor. + 1 Depth 59 fms

Shot or lead 28 lbs

Bottom gn. M

Bottom temperature 46.5

No. of Thermometer 57260 Cor. -0.4

Corrected temperature 46.1

Air 53° Surface 54° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

7.18.00

7.20.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE,

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

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$$\begin{array}{r} 4200 \\ 450 \\ \hline 1973750 \end{array}$$

$$\begin{array}{r} 4200 \\ 48 \\ \hline 4152 \end{array}$$

$$\begin{array}{r} 197 \\ 158 \\ \hline 39 \end{array}$$

52

$$\begin{array}{r} 4200 \\ 208 \\ \hline 399.2 \end{array}$$

$$\begin{array}{r} 197 \\ 175 \\ \hline \end{array}$$

177